Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

11100	0.00	Rating **	Α	Issue No.		100	_		
LM Start	0.00	Railing	А			102			
LM End	0.00	Issue Type +	Ma	Location * N/A					
Category	GPS La	atitud	e/Longitude						
Calegory				Start		End			
Item		s & Maintena	nce		0		0		
item	Manuals				0		0		
DWR ID DWR_RD0003_01_s _ 2013_102									
		Comn	nent Cod	de					
		Inspecto	or Comm	nent					
LMA has a	copy of th	ie O & M man	ual on fi	le at district	offic	ce.			

No Photos

Issue No. Rating ** Α 103 0.00 LM Start 0.00 Issue Type + Ма Location * N/A LM End Earthen Levee GPS Latitude/Longitude Category Start End Emergency Supplies & Item Equipment DWR_RD0003_01_s _ 2013_103 DWR ID Comment Code

No Photos

Inspector Comment

The LMA has an adequate flood fight supplies and equipment to respond to a flood emergency.

LM Start	0.00	Rating **	Α	Issue No.		104		
LM End	0.00	Issue Type +	Ма	Location *		N/A		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Flood Pre	paredness &	Training		0		0	
пеш					0		0	
DWR ID	DWR_RD0	003_01_s _ 201	3_104					
		Comn	nent Cod	le				
		Inspecto	or Comm	ent				

No Photos

Inspector Comment

The LMA is organized to respond to flood emergency. District has been involved in flood fight training.

* Location LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.13	Rating **	М	Issue No.		19			
LM End	0.13	Issue Type +	Ma	Location *	ion * WS				
Category	Earthen L	GPS La	atitud	e/Longitude					
Calegory				Start		End			
Item	Encroachi	ments		38.3033	05 °	38.303305 °			
item				-121.576537°		-121.576537°			
DWR ID DWR_RD0003_01_f _ 2012_19									
		Comn	nent Cod	de					
TR : Tree	or limb								
		Inspecto	or Comm	nent					
Tree branches and limbs on waterward shoulder.									

LM Start	0.13	Rating **	М	Issue No.	19 (cont)
LM End	0.13	Issue Type +	Ma	Location *	WS



Looking north at tree branches on waterward slope. (Fall 2016)

Photo 2 of 2: FA_2018_RD0003_24_19_20180925_00018.jpg



Looking west at tree branch on waterward shoulder and slope. (Fall 2016)

LM Start	0.13	Rating **	М	Issue No.		2			
LM End	0.13	Issue Type +	Ма	Location *	WS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Erosion /	Bank Caving		38.3033	03°	38.303303°			
item				-121.5765	38°	-121.576538°			
DWR ID DWR_RD0003_01_f _ 2013_2									
		Comn	nent Cod	de					
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	tion.			
Inspector Comment									
Hole (8ft x 2.5ft x 5ft) next to a large tree on waterward shoulder.									



Looking east at hole at the base of an oak tree on the waterward shoulder. (2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.13	Rating **	М	Issue No.		2 (cont)			
LM End	0.13	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End			
Item	Erosion / I	Bank Caving		38.3033	03°	38.303303°			
пеш				-121.576538°		-121.576538°			
DWR ID DWR_RD0003_01_f _ 2013_2									
		Comn	nent Cod	de					
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.			
		Inspecto	or Comm	nent					
Hole (8ft x	2.5ft x 5ft)	next to a larg	e tree o	n waterward	d sho	oulder.			

LM Start	0.13	Rating **	М	Issue No.	2 (cont)
LM End	0.13	Issue Type +	Ма	Location *	WS



Looking at a hole next to oak tree on waterward shoulder.(2015)

Photo 3 of 3 : FA_2018_RD0003_24_2_20180925_00003.jpg



Looking east at hole at base of tree on waterward shoulder. (2014)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.18	Rating **	A/W	Issue No.	51			
LM End	0.24	Issue Type +	Ма	Location *		WS		
Supplemental				GPS Latitude/Longitude				
Calegory				Start End				
Item		CE Erosion S	Survey,	38.3030	35°	38.302544°		
пеш	DRAFT			-121.5773	57°	-121.578241 °		
DWR ID	WR ID DWR_RD0003_01_f _ 2018_51							
Comment Code								

Inspector Comment

2017 Site ID: STM 26.0 L

Status: Critical

2018: Deep erosion into waterside toe, I consider this critical (Djulian). 2017 Field Notes: Upgraded to critical. Significant bank failure on

Site History: 1997 - Mass failure of berm slope and wave wash erosion. Large trees on top of berm, some failed trees. New area of low rock to on the upstream end. 2000 - Some minor erosion near the downstream end. 2005 - One new small tree has fallen. 2009 - Minimal new erosion. 2010 - Minor new erosion. 2013 - Observed new animal holes and vertical sections at middle of site. 2015 - Minor new erosion.



USACE 2013 Photo #1

LM Start	0.18	Rating **	A/W	Issue No.		52
LM End	0.21	Issue Type +	Ma	Location *		
Category			GPS La	titud	le/Longitude	
Calegory			Start		End	
Item	2017 Stor	m Damage		38.3029	81 °	38.302778 °
пеш				-121.5773	36°	-121.577683 °
DWR ID	DWR_RD0	003_01_s _ 201	8_52			

Inspector Comment

Comment Code

Levee Evaluation Comments

Description: District station 9+63 to 10+85, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately I 22 linear feet of the water side slope of Steamboat Slough (Unit 1). Erosion commences approximately 1/3 of the way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.

Site ID No:274 Site Designation:LMA-100

Repair Type: Erosion Rating:Serious Field Date:7/26/2017

Notes: trees undercut by erosion

Photo 1 of 3: LEVAL_FA_2018_274_2391.jpg



U : Unacceptable

C : Corrected

N : Not Inspected/Rated

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.18	Rating **	A/W	Issue No.	52 (cont)		
LM End	0.21	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory				Start End			
Item	2017 Stor	m Damage		38.30298	81 °	38.302778°	
пеш				-121.57733	86°	-121.577683°	
DWR ID	/R ID DWR_RD0003_01_s _ 2018_52						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 9+63 to 10+85, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately I 22 linear feet of the water side slope of Steamboat Slough (Unit 1). Erosion commences approximately 1/3 ofthe way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.

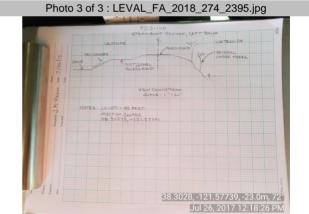
Site ID No:274

Site Designation:LMA-100 Repair Type: Erosion Rating:Serious Field Date:7/26/2017

Notes: trees undercut by erosion

LM Start	0.18	Rating **	A/W	Issue No.	52 (cont)
LM End	0.21	Issue Type +	Ма	Location *	





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Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.91	Rating **	A/W	Issue No.	53		
LM End	0.97	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory				Start End			
Item	2017 Stor	m Damage		38.29338	31 °	38.292617°	
пеш				-121.5824	50°	-121.582675 °	
DWR ID	VR ID DWR_RD0003_01_s _ 2018_53						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 48+20 to 51+06, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 286 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion begins approximately 1/2 ofthe way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.

Site ID No:275

Site Designation:LMA-101 Repair Type: Erosion Rating:Serious

Field Date:7/26/2017

Notes:

LM Start	0.91	Rating **	A/W	Issue No.	53 (cont)
LM End	0.97	Issue Type +	Ма	Location *	



Photo 2 of 3: LEVAL_FA_2018_275_2398.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Sta	art	0.91	Rating **	A/W	Issue No.		53 (cont)	
LM Er	nd	0.97	Issue Type +	Ma	Location *			
Catego	25 /	Suppleme	ental		GPS La	titud	e/Longitude	
Calego	JI У				Start		End	
Item		2017 Stor	m Damage		38.29338	81 °	38.292617	0
item					-121.58245	0°	-121.582675	٥
DWR	ID	DWR_RD0	003_01_s _ 201	8_53				

Inspector Comment

Comment Code

Levee Evaluation Comments

Description: District station 48+20 to 51+06, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 286 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion begins approximately 1/2 of the way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.

Site ID No:275

Site Designation:LMA-101

Repair Type: Erosion

Rating:Serious

Field Date:7/26/2017

Notes:





Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	0.91	Rating **	A/W	Issue No.	49			
LM End	0.96	Issue Type +	Ma	Location *	WS			
Supplemental				GPS Latitude/Longitude				
Calegory				Start End				
Item		ACE Erosion S	Survey,	38.2933	86°	38.292675°		
пеш	DRAFT			-121.5825	54°	-121.582741 °		
DWR ID DWR_RD0003_01_f _ 2018_49								
	Comment Code							

Inspector Comment

2017 Site ID: STM 25.0 L

Status: Critical

2018: Deep erosion into levee toe. Roots are exposed. I would consider this critical.

2017 Field Notes: Upgraded to critical. Site has eroded to near vertical at upstream end.

Site History: 1997 - Erosion of sandy levee on top left bank. Site is downstream of a rock section. Large riparian trees on the bank. 1999 - Upstream half of the reach repaired with rock, except for a 30 ft reach at the upstream end. 2001 - Rock repair on the upstream and downstream ends; no revetment at the trees. 2002 - Rock repair is starting to slide off the geotextile at the upstream end. 2005 - One new small tree has fallen. 2006 - 50 ft pocket at the downstream end and at the upstream end with new rock in between. 2007 - Upstream end has been repaired. 2008 - Area closed sign on bank. Newly fallen trees at both ends and pop outs along the bank. 2010 - Site extended downstream. 2011 - New erosion at the toe. More trees popouts. 2013 - Short vertical sections observed at the downstream end. 2015 - Significant new erosion, large oak tree on verge of popping out. 2016 - Sites 24.8 and 25 were combined.

Photo 1 of 1: FA_2018_RD0003_24_49_20181023_00151.jpg

USACE 2013 Photo #1

LM Start	1.03	Rating **	U	Issue No.		56
LM End	1.18	Issue Type +	Ма	Location *		WS
Category	Suppleme	ental		GPS La	atitud	e/Longitude
Category				Start		End
Item		CE Erosion S	Survey,	38.2916	95°	38.289575 °
item	DRAFT			-121.5829	93 °	-121.583092 °
DWR ID	DWR_RD0003_01_f _ 2018_56					

Inspector Comment

Comment Code

2017 Site ID: STM 24.8 L

Status: Eroding

2018: Pockets of erosion that are deep into the levee toe that I would consider critical (Diulian).

2017 Field Notes: New erosion at toe.

Site History: 2008 - Area closed sign on bank. Newly fallen trees at both ends and pop outs along the bank. 2010 - Site extended downstream. 2011 - New erosion at the toe. More trees popouts. 2013 - Short vertical sections observed at the downstream end.

Photo 1 of 2: FA_2018_RD0003_24_56_20181023_00153.jpg



USACE 2013 Photo #1

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	1.03	Issue No.		56 (cont)			
LM End	1.18	Issue Type +	Ма	Location *	WS		
Category	ental	GPS Latitude/Longitude					
Category						End	
ltom		CE Erosion S	Survey,	38.29169	95 °	38.289575°	
пеш	DRAFT DRAFT					-121.583092 °	
DWR ID	DWR_RD0003_01_f _ 2018_56						
Comment Code							

Inspector Comment

2017 Site ID: STM 24.8 L

Status: Eroding

2018: Pockets of erosion that are deep into the levee toe that I would

consider critical (Djulian).

2017 Field Notes: New erosion at toe.

Site History: 2008 - Area closed sign on bank. Newly fallen trees at both ends and pop outs along the bank. 2010 - Site extended downstream. 2011 - New erosion at the toe. More trees popouts. 2013 - Short vertical sections observed at the downstream end.



USACE 2013 Photo #2

LM Start	1.09	Rating **	A/W	Issue No.		60
LM End	1.10	Issue Type +	Ma	Location *		
Category				GPS Latitude/Longitude		
Calegory			Start		End	
Item	2017 Stor	m Damage		38.2908	19°	38.290706°
пеш				-121.5829	42 °	-121.582939 °
DWR ID DWR_RD0003_01_f _ 2017_60						
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 57+57 to 57+98, Sec. 18, 1. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 41 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion commences approximately 1/2 of the way down the slope from the crown to the waterside toe.

Site ID No:276

Site Designation:LMA-102 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

Photo 1 of 3: FA_2018_RD0003_24_60_20180925_00044.jpg



LS: Land Side WS: Water Side

N/A: Not Applicable

Acceptable

U : Unacceptable

Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	1.09 Rating ** A/W			Issue No. 60 (cont		60 (cont)	
LM End	1.10	Issue Type +	Ma	Location *			
Supplemental				GPS Latitude/Longitude			
Calegory				Start		End	
Itom	2017 Stor	m Damage		38.2908	19°	38.290706°	
пеш	Item					-121.582939°	
DWR ID	R ID DWR_RD0003_01_f _ 2017_60						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:District station 57+57 to 57+98, Sec. 18, 1. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 41 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion commences approximately 1/2 of the way down the slope from the crown to the waterside toe.

Site ID No:276

Site Designation:LMA-102 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

		D (1) ++		I N	
LM Start	1.09	Rating **	A/W	Issue No.	60 (cont)
LM End	1.10	Issue Type +	Ма	Location *	



38.29098, -121.58295, -24.0m, 334°

Jul 26, 2017 12:39:56 PM

Photo 3 of 3: FA_2018_RD0003_24_60_20180925_00046.jpg



* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	1.46	Rating **	М	Issue No.		64		
LM End	1.46	Issue Type +	Ma	Location *		WS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Encroach	ments		38.2859	78°	38.285978 °		
пеш				-121.5845	80°	-121.584580 °		
DWR ID DWR_RD0003_01_f _ 2018_64								
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Fallen branch should be removed.								



View of fallen tree limb on land side (October 2018).

LM Start	1.69	Rating **	М	Issue No.		62	
LM End	1.69	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Encroachments				38.2837	47°	38.283747°	
пеш				-121.5876	22°	-121.587622 °	
DWR ID	DWR_RD0	003_01_f _ 201	6_62				
Comment Code							
TR: Tree or limb							

Inspector Comment

Broken tree branch on waterward slope.

LM Start	1.69	Rating **	М	Issue No.	62 (cont)
LM End	1.69	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2018_RD0003_24_62_20180925_00047.jpg



Looking southwest at broken branches on waterward slope.

Photo 2 of 2: FA_2018_RD0003_24_62_20180925_00048.jpg



N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	1.91	Rating **	М	Issue No.		54		
LM End	1.91	Issue Type +	Ма	Location *		WS		
Category	Earthen Levee			GPS L	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachments			38.2806	38°	38.280638 °		
пеш				-121.588457°		-121.588457°		
DWR ID DWR_RD0003_01_s _ 2018_54								
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Remove tree trimmings.								



Cut branches on waterside slope.

LM Start	2.27	Rating **	М	Issue No.		55		
LM End	2.27	Issue Type +	Ма	Location *	WS			
Category Earthen Levee			GPS Latitude/Longitude					
Calegory	Category			Start		End		
Item	Encroach	ments		38.2758	27°	38.275827°		
item				-121.5899	79°	-121.589979 °		
DWR ID DWR_RD0003_01_s _ 2018_55								
	Comment Code							

TR : Tree or limb

Inspector Comment

Fallen tree on waterside slope.



Fallen tree limb on waterside.

LM Start	2.53	Rating **	U	Issue No.		65			
LM End	2.57	Issue Type +	Ma	Location *		LS			
Category Earthen Levee			GPS Latitude/Longitude						
Calegory				Start		End			
Item	Vegetation			38.2728	86°	38.272262°			
item					24°	-121.588010°			
DWR ID	DWR ID DWR_RD0003_01_s _ 2018_65								
		Comn	nent Cod	le					
V1 : Contro easements	_	rass and wee	eds on th	e levee slop	pes a	and			
	Inspector Comment								



Landside vegetation.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	2.66	Rating **	М	Issue No.		82		
LM End	2.66	Issue Type +	Ma	Location *		WS		
Category	Earthen Levee			GPS L	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachments			38.2711	28°	38.271128°		
item				-121.588634°		-121.588634°		
DWR ID	DWR ID DWR_RD0003_01_f _ 2017_82							
		Comn	nent Cod	de				
TR : Tree of	or limb							
		Inspecto	or Comm	nent				
Tree limbs should be removed water side slope.								
·								



Looking southwest at waterside slope.

LM Start	2.69	Rating **	М	Issue No.		29		
LM End	2.69	Issue Type +	Ma	Location *		WS		
Category Earthen Levee			GPS Latitude/Longitude					
Calegory	Category			Start		End		
Itom	Encroachments			38.2707	33°	38.270733 °		
Item				-121.5887	° 80	-121.588708°		
DWR ID DWR_RD0003_01_s _ 2018_29								
	Comment Code							

TR : Tree or limb

Inspector Comment

Large tree limb on waterside slope.

1	VI	DI	not	os

LM Start	3.16	Rating **	N	Issue No.		47	
LM End	3.16	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atitud	de/Longitude		
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.2641	54°	38.264154	0
пеш		-121.5872	42°	-121.587242	0		
DWR ID	DWR ID DWR_RD0003_01_s _ 2012_47						
		Comn	nent Cod	de			
T5 : Tree s	stumps.						
		Inspecto	or Comm	nent			
6 large stu	mps on slo	ope.					

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	4.38	Rating **	С	Issue No.	80	
LM End	4.48	Issue Type +	Ма	Location *	LS	
Catagori Earthen Levee				GPS La	titud	e/Longitude
Calegory	Category					End
Item	Vegetatio	n		38.2529	40 °	38.251580 °
пеш				-121.60072	21 °	-121.601017°
DWR ID DWR_RD0003_01_s _ 2018_80						
	Comment Code					
					-	

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	4.87	Rating **	М	Issue No.		83	
LM End	4.87	Issue Type +	Ma	Location *	LS		
Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Item	Slope Sta	bility		38.2459	03°	38.245903°	
item			-121.6008	51 °	-121.600851 °		
DWR ID	DWR ID DWR_RD0003_01_f _ 2017_83						

Comment Code

S1 : Repair slope instability.

Inspector Comment

Landside slope has a depression.

Photo 1 of 1: FA_2018_RD0003_24_83_20180925_00071.jpg



Looking east on landside slope.

LM Start	5.65	Rating **	M	Issue No.	63		
LM End	5.65	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS La	titud	e/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.2347	21 °	38.234721	0
пеш				-121.6017	09°	-121.601709	0
DWR ID	DWR_RD0	003_01_f _ 201	6_63				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trim growth from tree so that levee slope can be seen.



View of slope where tree limb was removed. Now the extra growth on the existing branches needs to be removed (October 2018).

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	5.65	Rating **	М	Issue No.	63 (cont)			
LM End	5.65	Issue Type +	Ma	Location *	LS			
Catagory	evee	GPS La	titud	e/Longitude				
Calegory	Category					End		
Item	Trim / Thin Trees			38.23472	21 °	38.234721 °		
пеш				-121.60170)9°	-121.601709°		
DWR ID	DWR_RD0	003_01_f _ 201	6_63					
	Comment Code							
T1 : Trim trees to at least five feet above ground level.								

Inspector Comment Trim growth from tree so that levee slope can be seen.



Low-lying tree limb should be removed from landside slope.

LM Start	5.77	Rating **	М	Issue No.		66			
LM End	5.77	Issue Type +	Ма	Location *		WS			
Category	Earthen Levee					GPS Latitude/Longitude			
Calegory			Start		End				
Item	Encroach	ments		38.2330	98°	38.233098°			
пеш				-121.6013	23°	-121.601323°			
DWR ID	DWR_RD0003_01_f _ 2016_66								

Comment Code

TR: Tree or limb

Inspector Comment

Broken tree branches and limbs on waterward slope.



Looking west at tree branches and limbs on waterward slope.

LM Start	5.98	Rating **	М	Issue No.		94	
LM End	5.98	Issue Type +	Ma	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory		Start				End	
Item	Vegetatio	n		38.2301	00°	38.230100	0
item				-121.6017	00°	-121.601700	0
DWR ID	DWR_RD0	003_01_f _ 201	8_94				
Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

*	Location
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LS: Land Side N/A: Not Applicable

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	6.85	Rating **	М	Issue No.	86	
LM End	6.92	Issue Type +	Ма	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Category		Start		End		
Item	Vegetatio	n		38.2179	05°	38.217060 °
пеш				-121.6031	58°	-121.603717°
DWR ID	DWR_RD0003_01_s _ 2018_86					
Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation along landside toe.



Dense vegetation along landside toe prevents inspection and access (Spring 2018).

LM Start	7.02	Rating **	С	Issue No.	88		
LM End	7.02	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS La	tituc	le/Longitude	
Calegory	Salegory					End	
Item	Trim / Thi	n Trees		38.2157	I1°	38.215711 °	
item				-121.60458	31 °	-121.604581 °	
DWR ID DWR_RD0003_01_s _ 2018_88							
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	7.44	Rating **	М	Issue No.		89		
LM End	7.44	Issue Type +	Ma	Location *		WS		
Category	Earthen L	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Trim / Thin Trees			38.2102	00°	38.210200	0	
пеш				-121.6078	09°	-121.607809	0	
DWR ID	DWR_RD0	003_01_s _ 201	8_89					
Comment Code								

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Low leaning tree on waterside is beginning to inhibit inspection and access. Should be removed.

No Photos

Location

N/A: Not Applicable LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	8.82	Rating **	М	Issue No.		101
LM End	8.82	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS La	atitud	e/Longitude	
Category			Start		End	
Trim / Thin Trees			38.193568°		38.193568°	
item			-121.619040 °		-121.619040°	
DWR ID	DWR_RD0	003_01_f _ 201	8_101			
		Comn	nent Cod	le		
T1 : Trim t	rees to at l	east five feet	above g	round level.		
		Inspecto	or Comm	ent		

No Photos

LM Start	8.84	Rating **	М	Issue No.		105		
LM End	8.84	Issue Type +	Ma	Location *		WS		
Category Earthen Levee			GPS Latitude/Longitud					
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.1934	13°	38.193413 °		
item			-121.6193	20°	-121.619320°			
DWR ID	DWR_RD0	003_01_f _ 201	8_105					
	Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	8.92	Rating **	U	Issue No.	39		
LM End	8.92	Issue Type +	Ma	Location *	WS		
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			38.1930	00°	38.193000°	
пеш			-121.6207	00°	-121.620700 °		
DWR ID	DWR_RD0003_01_f _ 2018_39						
Comment Code							

T5: Tree stumps.

Inspector Comment

Remove tree stumps.



View of rotting tree stump on water side crown (October 2018).

* Location LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain En: Enforcement

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.15	Rating **	A/W	Issue No.	72	
LM End	10.21	Issue Type +	Ma	Location *		
Category			GPS La	le/Longitude		
Calegory			Start		End	
Item	2017 Storm Damage			38.1884	31 °	38.187803°
пеш			-121.6417	03°	-121.642478 °	
DWR ID	DWR_RD0003_01_f _ 2017_72					
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 536+35 to 539+47, Sec. 16, T. 4 N. R. 3 E., M.D.M. The waterside slope experienced sloughing and erosion along approximately 312 linear feet of Steamboat Slough (Unit 1). Sloughing commences at approximately 1/4 ofthe way down the slope from the crown and extends to the rip rap.

Site ID No:277

Site Designation:LMA-103 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	10.15	Rating **	A/W	Issue No.	72 (cont)
LM End	10.21	Issue Type +	Ма	Location *	, ,

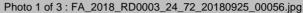




Photo 2 of 3: FA_2018_RD0003_24_72_20180925_00057.jpg



able

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Ob : Design & System Obso En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.15	Rating **	A/W	Issue No. 72 (cont)		72 (cont)	
LM End	10.21	Issue Type +	Ма	Location *			
Catagory	Category			GPS Latitude/Longitude			
Calegory			Start		End		
Item	2017 Stor	2017 Storm Damage			31 °	38.187803°	
пеш			-121.64170)3 °	-121.642478°		
DWR ID	DWR_RD0003_01_f _ 2017_72						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 536+35 to 539+47, Sec. 16, T. 4 N. R. 3 E., M.D.M. The waterside slope experienced sloughing and erosion along approximately 312 linear feet of Steamboat Slough (Unit 1). Sloughing commences at approximately 1/4 of the way down the slope from the crown and extends to the rip rap.

Site ID No:277

Site Designation:LMA-103 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

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Photo 3 of 3: FA_2018_RD0003_24_72_20180925_00058.jpg

LM Start	10.62	Rating **	М	Issue No.		46			
LM End	10.69	Issue Type +	Ма	Location *		WS			
Category	Suppleme	GPS La	atitud	e/Longitude					
				Start		End			
Item	2017 USACE Erosion Survey,			38.1841	80°	38.183798	0		
item	DRAFT			-121.6480	55 °	-121.649246	0		
DWR ID	DWR_RD0	DWR_RD0003_01_f _ 2018_46							
Comment Code									

Inspector Comment

2017 Site ID: STM 15.5 L

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2016 - Large erosion pockets observed.

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.67	Rating **	A/W	Issue No.		73		
LM End	10.92	Issue Type +	Ма	Location *				
Category Supplemental			GPS Latitude/Longitude					
			Start		End			
Itom	ltem 2017 Storm Damage			38.1838	10°	38.182480 °		
пеш				-121.6487	80°	-121.653150 °		
DWR ID	DWR_RD0003_01_f _ 2017_73							
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:63

Site Designation: DWR_RD0003_01_R_2012_03

Repair Type: Erosion Rating:Serious Field Date:6/8/2017

Notes: scattered erosion scarps caving into levee crown, within erosion limit crown width ranges from 15 to 30', several trees with exposed tree roots and leaning into the river,

LM Start	10.67 Rating **		A/W	Issue No.	73 (cont)
LM End	10.92	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2018_RD0003_24_73_20180925_00060.jpg



N/A: Not Applicable LS: Land Side WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.67	Rating **	A/W	Issue No.		73 (cont)		
LM End	10.92	Issue Type +	Ma	Location *				
Category Supplemental			GPS Latitude/Longitude					
			Start		End			
Itom	2017 Stor	m Damage		38.1838	10°	38.182480°		
ILEIII	Item			-121.6487	80°	-121.653150°		
DWR ID	DWR_RD0003_01_f _ 2017_73							
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:63

Site Designation: DWR_RD0003_01_R_2012_03

Repair Type: Erosion Rating:Serious Field Date:6/8/2017

Notes: scattered erosion scarps caving into levee crown, within erosion limit crown width ranges from 15 to 30', several trees with exposed tree

roots and leaning into the river,



LM Start	10.75	Rating **	A/W	Issue No.		96		
LM End	10.75	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS La	atitud	le/Longitude		
Category						End		
Item	Erosion / Bank Caving				22 °	38.183422°		
пеш		-121.650182 °		-121.650182 °				
DWR ID DWR_RD0003_01_s _ 2013_96								
		Comn	nent Cod	de				
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.		
Inspector Comment								
Erosion extends to waterward shoulder.								



Looking northwest at erosion on waterward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.75	Rating **	A/W	Issue No.		96 (cont)		
LM End	10.75	Issue Type +	Ma	Location *		WS		
Earthen Levee				GPS La	atitud	le/Longitude		
Category				Start		End		
Erosion / Bank Caving			38.1834	22 °	38.183422°			
пеш	item				82°	-121.650182°		
DWR ID DWR_RD0003_01_s _ 2013_96								
		Comn	nent Cod	de				
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.		
		Inspecto	or Comm	nent				
Erosion extends to waterward shoulder.								



Looking southwest at erosion on waterward slope.

LM Start	10.78	Rating **	A/W	Issue No.		97			
LM End	10.80	Issue Type +	Ma	Location *		WS			
Category Earthen Levee			GPS Latitude/Longitude						
Category				Start		End			
Item	Erosion /		38.1832	28°	38.183123°				
пеш				-121.650797°		-121.651070 °			
DWR ID DWR_RD0003_01_s _ 2013_97									
		Comn	nent Cod	de					
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.			
Inspector Comment									
Erosion extends to waterward shoulder.									

LM Start	10.78	Rating **	A/W	Issue No.	97 (cont)
LM End	10.80	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2018_RD0003_24_97_20180925_00078.jpg



Looking south at erosion on waterward slope.

Photo 2 of 2: FA_2018_RD0003_24_97_20180925_00079.jpg



Looking southwest at erosion on waterward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.83	Rating **	М	Issue No.		92
LM End	10.83	Issue Type +	Ma	Location *		LS
Category	Earthen Levee				atitud	le/Longitude
Category				Start		End
Item	Vegetatio	getation			57°	38.182957°
пеш				-121.6515	85 °	-121.651585 °
DWR ID	DWR_RD0	003_01_f _ 201	7_92			
		Comn	nent Coc	le		
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee slopes.					
	Inspector Comment					

No Photos

LM Start	10.83	Rating **	М	Issue No.		212	
LM End	10.83	Issue Type +	Ma	Location *			
Category	Suppleme	ental		GPS La	titud	le/Longitude	
Category				Start		End	
Item	DWR UC	P LMA Respo	onsibility	38.18298	32°	38.182982	0
пеш				-121.65161	0°	-121.651610	0
DWR ID	22206						

Comment Code

Inspector Comment

FS_ID:29165 DS_ID:22206 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be verified as

having been done so properly.

FIELD_STRUCT_DESC: *ABANDONED* 1 of 3: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. Flap gate at the WS toe has been sealed shut with sealant. [Additional Reference(s): DWR Levee Log, 1993, referenced as 24 feet below the crown. USACE Sacramento O&M Manual 104, February 1960, (RM 15.20), referenced as invert elevation 24 feet below the crown].

FS Date: 2/11/2014



36-inch CMP drainpipe with flapgate on WS toe.

+ Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.83	Rating **	М	Issue No.	212 (cont)	
LM End	10.83	Issue Type +	Ма	Location *		
Category	ental	GPS Latitude/Longitude				
Category				Start		End
Item	DWR UC	DWR UCIP LMA Responsibility			82°	38.182982°
пеш			-121.6516	10°	-121.651610°	
DWR ID 22206						
	Comment Code					

Inspector Comment

FS_ID:29165 DS_ID:22206 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be verified as

having been done so properly.

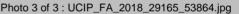
FIELD_STRUCT_DESC: *ABANDONED* 1 of 3: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. Flap gate at the WS toe has been sealed shut with sealant. [Additional Reference(s): DWR Levee Log, 1993, referenced as 24 feet below the crown. USACE Sacramento O&M Manual 104, February 1960, (RM 15.20), referenced as invert elevation 24 feet below the crown].

FS Date: 2/11/2014

LM Start	10.83	Rating **	М	Issue No.	212 (cont)
LM End	10.83	Issue Type +	Ma	Location *	



Slide gate in 48-inch CMP riser on WS shoulder.





Steel weir on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.83	Rating **	М	Issue No.		213	
LM End	10.83	Issue Type +	Ма	Location *			
Category	Suppleme	ental		GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	P LMA Respo	onsibility	38.18297	3°	38.182973	0
пеш				-121.65164	5°	-121.651645	0
DWR ID	22349						

Inspector Comment

Comment Code

FS_ID:29164 DS_ID:22349 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be verified as

having been filled with grout.

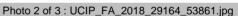
FIELD_STRUCT_DESC: *ABANDONED* 2 of 3: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. Steel intake weir at the landside (LS) toe. Steel plate welded over the pipe on the WS toe. [Additional Reference(s): DWR Levee Log, 1993, referenced as 24 feet below the crown. USACE Sacramento O&M Manual 104, February 1960, (RM 15.20), referenced as invert elevation 24 feet below the crown].

FS Date: 2/11/2014

LM Start	10.83	Rating **	М	Issue No.	213 (cont)
LM End	10.83	Issue Type +	Ma	Location *	



Drainpipe visible on WS toe with steel plate welded over end.





48-inch CMP riser with slide gate closed on WS shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.83	Rating **	М	Issue No.		213 (cont)
LM End	10.83	Issue Type +	Ма	Location *		
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCI	P LMA Respo	nsibility	38.18297	'3°	38.182973 °
пеш				-121.65164	.5°	-121.651645°
DWR ID	22349					·

Inspector Comment

Comment Code

FS_ID:29164 DS_ID:22349 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be verified as

having been filled with grout.

FIELD_STRUCT_DESC: *ABANDONED* 2 of 3: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. Steel intake weir at the landside (LS) toe. Steel plate welded over the pipe on the WS toe. [Additional Reference(s): DWR Levee Log, 1993, referenced as 24 feet below the crown. USACE Sacramento O&M Manual 104, February 1960, (RM 15.20), referenced as invert elevation 24 feet below the crown].

FS Date: 2/11/2014



Steel weir on LS toe.

LM Start	10.86	Rating **	A/W	Issue No.		98	
LM End	10.89	Issue Type +	Ma	Location *	WS		
Category	evee	GPS Latitude/Longitude					
Category	gory					End	
Item	Erosion / Bank Caving			38.182792°		38.182672 °	
пеш			-121.6521	42 °	-121.652555°		
DWR ID	DWR_RD0003_01_s _ 2013_98						
Comment Code							
E2 : Schedule repair of erosion site prior to the next inspection.							

Inspector Comment Erosion extends to waterward shoulder.

Photo 1 of 3: FA_2018_RD0003_24_98_20180925_00080.jpg



Looking north at erosion on waterward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.86	Rating **	A/W	Issue No.		98 (cont)			
LM End	End 10.89 Issue Type + Ma Location * WS								
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Erosion / Bank Caving					38.182672 °			
пеш				-121.6521	42 °	-121.652555°			
DWR ID	DWR ID DWR_RD0003_01_s _ 2013_98								
		Comn	nent Cod	de					
E2 : Scheo	dule repair	of erosion site	e prior to	the next in	spe	ction.			
		Inspecto	or Comm	nent					
Erosion ex	Erosion extends to waterward shoulder.								

Issue No.

Location *

98 (cont)

WS

LM Start

LM End

10.86

10.89

Rating **

Issue Type +



Looking northwest at erosion on waterward shoulder and slope.

Photo 3 of 3: FA_2018_RD0003_24_98_20180925_00082.jpg



Looking west at erosion on waterward slope.

LM Start	10.91	Rating **	A/W	Issue No.		99			
LM End	10.94	Issue Type +	Ма	Location *		WS			
Earthen Levee GPS Latitude/I						e/Longitude			
Category				Start		End			
Item	Erosion / Bank Caving				37°	38.182388 °			
пеш				-121.6529	87°	-121.653388°			
DWR ID	DWR_RD0	003_01_f _ 201							
		Comn	nent Cod	de					
E2 : Sched	lule repair	of erosion site	e prior to	the next in	spec	ction.			
		Inspecto	or Comm	nent					
Erosion extends to waterward shoulder.									



Looking west at erosion on waterward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	10/16/2018 10/16/2018	David Julian

LM Start	10.91	Rating **	A/W	Issue No.		99 (cont)			
LM End	10.94	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Erosion / Bank Caving					38.182388 °			
iteiii				-121.6529	87°	-121.653388 °			
DWR ID	DWR ID DWR_RD0003_01_f _ 2018_99								
		Comn	nent Cod	de					
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.			
Inspector Comment									
Erosion extends to waterward shoulder.									

Photo 2 of 2: FA_2018_RD0003_24_99_20180925_00084.jpg

Looking north at erosion on waterward shoulder and slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start		Rating **	С	Issue No.		119	
LM End		Issue Type +	Ма	Location *		WS	
Category	Suppleme	ental		GPS La	atitud	e/Longitude	
Calegory		Start		End			
Item		ACE Erosion S	Survey,		0		0
пеш	DRAFT			٥		0	
DWR ID	DWR_RD0	003_02_f _ 201					
Comment Code							

No Photos

Inspector Comment

2017 Site ID: SAC 31.6 R

Status: Repaired

2017 Field Notes: Site repaired by locals in 2016

Site History: 1997 - Erosion of supper sandy levee material above the water line, straight reach. 1999 - Small pocket repaired with rock. 2005 - Downstream 400 ft have been repaired. 2011 - Site is overgrown with vegetation. 2015 - Site appears stable, may consider for removal if not change after the next large storm event. 2016 -Repairs made to the worst section, remain site appears stable.

LM Start	0.25	Rating **	С	Issue No.		4		
LM End	0.25	Issue Type +	Ma	Location *		LS		
Catagoria Earthen Levee				GPS La	titud	e/Longitude		
Category		Start		End				
Item	Trim / Thi	n Trees		38.1745	04°	38.174504°		
пеш			-121.6496	51 °	-121.649651 °			
DWR ID	DWR_RD0	003_02_s _ 201			·			
Comment Code								

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim tree at least 12 feet above ground on levee crown.

No Photos

N : Not Inspected/Rated C : Corrected

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	0.30	Rating **	М	Issue No.		5	
LM End	0.32 Issue Type + Ma			Location *	WS		
Category	Earthen L	GPS La	atitud	e/Longitude			
Calegory			Start		End		
Item	Vegetatio	n		38.1742	81 °	38.174209°	
item				-121.6486	98°	-121.648352°	
DWR ID	DWR_RD0003_02_s _ 2012_5						
Comment Code							

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Bamboo sprouts on waterward slope.

LM Start	0.30	Rating **	М	Issue No.	5 (cont)
LM End	0.32	Issue Type +	Ma	Location *	WS



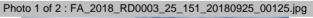
Looking southeast at bamboo on waterward slope. (Fall 2016)

Photo 2 of 2: FA_2018_RD0003_25_5_20180925_00006.jpg



Looking east at bamboo on waterward slope. (Sping 2016)

LM Start	0.31	Rating **	U	Issue No.		151	
LM End	0.35	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Vegetatio	Vegetation			35°	38.174109°	
пеш					79°	-121.647870°	
DWR ID	DWR ID DWR_RD0003_02_s _ 2016_151						
		Comn	nent Cod	de			
V2 : Remove the wild growth other than native grasses from the levee slopes.							
Inspector Comment							
Remove young willows along landside toe.							





Looking west at landside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	0.31	Rating **	U	Issue No.		151 (cont)	
LM End	0.35	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory						End	
Item	Vegetatio	n		38.1742	35 °	38.174109°	
item				-121.6484	79°	-121.647870 °	
DWR ID	DWR ID DWR_RD0003_02_s _ 2016_151						
Comment Code							
V2 . Dama	V2 - Damaya the wild growth other than notive grosses from the layer						

 $\ensuremath{\text{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove young willows along landside toe.

Photo 2 of 2: FA_2018_RD0003_25_151_20180925_00126.jpg



Looking west at dense vegetation at landward toe.

LM Start	0.37	Rating **	U	Issue No.		3		
LM End	0.37	Issue Type +	Ма	Location *		WS		
Category	Catagoria Earthen Levee					GPS Latitude/Longitude		
Calegory				Start		End		
Item	Vegetatio	Vegetation			20°	38.174020 °		
пеш				-121.6474	58°	-121.647458°		
DWR ID	DWR_RD0003_02_f _ 2018_3							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove arundo

Photo 1 of 1 : FA_2018_RD0003_25_3_20181018_00284.jpg



View of arundo on waterside slope (October 2018).

LM Start	1.57	Rating **	М	Issue No.		129	
LM End	1.57	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Encroachments ltem				38.1687	00°	38.168700	0
пеш				-121.6272	33 °	-121.627233	0
DWR ID	DWR RD0	003 02 s 201	7 129				

Comment Code

TR: Tree or limb

Inspector Comment

Remove remaining branches and stump of down tree from water side slope.

Photo 1 of 3: FA_2018_RD0003_25_129_20181018_00286.jpg



View of tree limbs that have mostly been removed from water side slope (October 2018).

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	1.57	Rating **	М	Issue No.		129 (cont)	
LM End	1.57	Issue Type +	Ma	Location *		WS	
Category	evee	GPS La	atituc	le/Longitude			
Calegory				Start		End	
Item	Encroachi	Encroachments			00°	38.168700°	
пеш				-121.6272	33°	-121.627233°	
DWR ID	WR ID DWR_RD0003_02_s _ 2017_129						
		Comn	nent Cod	de			
TR : Tree	or limb						
			•				
		Inspecto	or Comm	nent			
Remove remaining branches and stump of down tree from water side slope.							

LM Start	1.57	Rating **	М	Issue No.	129 (cont)
LM End	1.57	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA_2018_RD0003_25_129_20180925_00089.jpg

Looking east at waterside slope.

Photo 3 of 3: FA_2018_RD0003_25_129_20180925_00090.jpg



Looking east at fallen tree on waterward slope.

LM Start	1.67	Rating **	М	Issue No.		130		
LM End	1.67	Issue Type +	Ма	Location *	WS			
Category	evee	GPS La	atituc	le/Longitude				
Calegory				Start		End		
Item	Encroachments			38.1678	80°	38.167880°		
item			-121.6255	72°	-121.625572°			
DWR ID	WR ID DWR_RD0003_02_s _ 2017_130							
		Comn	nent Cod	de				
TR : Tree of	or limb							
			•					
		Inspecto	or Comm	nent				
Remove remaining stump and branches from water side slope.								



View of fallen tree on water side slope that has almost been completely removed (October 2018).

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	1.67	Rating **	М	Issue No.		130 (cont)	
LM End	1.67	Issue Type +	Ма	Location *		WS	
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.1678	80°	38.167880 °	
item				-121.6255	72°	-121.625572°	
DWR ID DWR_RD0003_02_s _ 2017_130							
		Comn	nent Cod	de			
TR : Tree o	or limb						
		Inspecto	or Comm	nent			
Remove remaining stump and branches from water side slope.							

LM Start	1.67	Rating **	М	Issue No.	130 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS

Photo 2 of 3: FA_2018_RD0003_25_130_20180925_00092.jpg

Looking south at the waterside slope.

Photo 3 of 3: FA_2018_RD0003_25_130_20180925_00093.jpg



Looking south at fallen tree on waterward slope.

LM Start	2.01	Rating **	М	Issue No.		140			
LM End	2.01	Issue Type +	Ма	Location *		WS			
Category	Earthen Levee				atitud	e/Longitude			
Calegory				Start		End			
Item	Encroachi	ments		38.1657	'40 °	38.165740°			
item				-121.6199	70°	-121.619970°			
DWR ID	DWR ID DWR_RD0003_02_f _ 2015_140								
		Comn	nent Cod	de					
PR : Pruni	ngs								
		Inspecto	or Comm	nent					
Remove p	Remove pruning pile on waterside slope.								

Photo 1 of 2 : FA_2018_RD0003_25_140_20180925_00108.jpg



Looking south at the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	2.01	Rating **	М	Issue No.		140 (cont)	
LM End	2.01	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.1657	40 °	38.165740°	
пеш				-121.619970°		-121.619970 °	
DWR ID DWR_RD0003_02_f _ 2015_140							
		Comn	nent Cod	de			
PR : Pruni	ngs						
Inspector Comment							
Remove pruning pile on waterside slope.							



Looking at tree branches and tree limbs on waterward shoulder and slope.

LM Start	2.68	Rating **	М	Issue No.		131		
LM End	2.72	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.1646	552°	38.164765°		
пеш				-121.6079	27°	-121.607212°		
DWR ID DWR_RD0003_02_s _ 2017_131								
		Comn	nent Cod	de				
T1 : Trim t	rees to at I	east five feet	above g	round level				
Inspector Comment								

No Photos

LM Start	3.20	Rating **	М	Issue No.		7			
LM End	3.20	Issue Type +	Ма	Location *	LS				
Category	Earthen Levee			GPS L	atitud	e/Longitude			
Calegory				Start		End			
Item	Trim / Thi	n Trees		38.1678	808°	38.167808°			
item				-121.5995	57°	-121.599557°			
DWR ID	DWR ID DWR_RD0003_02_s _ 2012_7								
		Comn	nent Cod	de					
T1 : Trim t	rees to at I	east five feet	above g	round level					
		Inspecto	or Comm	nent					
Dense veg	Dense vegetation on landside slope and toe.								



Looking northwest at the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	3.20	Rating **	М	Issue No.		7 (cont)		
LM End	3.20	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.1678	808°	38.167808°		
пеш				-121.5995	57°	-121.599557°		
DWR ID	DWR ID DWR_RD0003_02_s _ 2012_7							
		Comn	nent Cod	de				
T1 : Trim t	rees to at I	east five feet	above g	round level				
		Inspecto	or Comm	nent				
Dense vegetation on landside slope and toe.								



Looking north at fig tree at landward toe.

LM Start	3.30	Rating **	U	Issue No.		154
LM End	3.30	Issue Type +	Ma	Location *		LS
Category Earthen Levee		GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroachments			38.168750°		38.168750 °
пеш				-121.598152°		-121.598152°
DWR ID	/R ID DWR_RD0003_02_f _ 2017_154					·
Comment Code						
TD · Troo	or limb					

TR: Tree or limb

Inspector Comment

Downed tree on landside slope.



Looking northwest at the landside slope.

LM Start	3.67	Rating **	С	Issue No.		8	
LM End	3.82	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Trim / Thin Trees			38.1732	42°	38.175118	C
itom	Kem			-121.5943	05°	-121.592925	C
DWR ID	DWR_RD0	003_02_s _ 201					
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	3.78	Rating **	U	Issue No.		200	
LM End	3.78	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start E		End	
Vegetation Item			38.1745	50°	38.174550°		
item				-121.5933	45°	-121.593345°	
DWR ID	DWR_RD0003_02_f _ 2018_200						
Comment Code							

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove new arundo growth.



View of new bamboo growth on the land side slope (October 2018).

LM Start	4.11	Rating **	A/W	Issue No.		145	
LM End	4.11	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Vegetation		38.1787	79°	38.178779°			
пеш	Item		-121.5904	25 °	-121.590425°		
DWR ID	DWR_RD0003_02_f _ 2015_145						
Comment Code							

V7 : Trees / Woody Vegetation

Inspector Comment

Century plants on waterside shoulder and slope have been chopped back.

LM Start	4.11	Rating **	A/W	Issue No.	145 (cont)
LM End	4.11	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2018_RD0003_25_145_20181018_00306.jpg



View of looking upstream at chopped century plants on the water side shoulder and slope (October 2018).

Photo 2 of 2: FA_2018_RD0003_25_145_20180925_00117.jpg



Looking northeast at century plants on waterward shoulder and slope.

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M: Maintenance Deficiancy

M : Minimally Acceptable CR : Corrected Ob: Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	4.11	Rating **	U	Issue No.		143		
LM End	4.11	Issue Type +	Ma	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Calegory	Category			Start		End		
Item	Vegetation			38.178782 °		38.178782°		
пеш				-121.5904	18°	-121.590418°		
DWR ID	DWR ID DWR_RD0003_02_f _ 2015_143							
Comment Code								
V7 : Trees	V7 : Trees / Woody Vegetation							

Inspector Comment

Large century plants on landside shoulder and slope.



Looking north at century plants on landward shoulder and slope.

LM Start	4.24	Rating **	С	Issue No.		10	
LM End	4.24	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		38.1803	61 °	38.180361	0
пеш				-121.5891	27°	-121.589127	0
DWR ID	DWR_RD0	003_02_s _ 201	2_10				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Dense untrimmed trees on landside slope and toe.

No Photos

LM Start	4.29	Rating **	Α	Issue No.	194			
LM End	4.49	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetatio	n		38.1810	66 °	38.183516	0	
пеш				-121.5886	62 °	-121.586687	0	
DWR ID DWR_RD0003_02_s _ 2018_194								
	Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

LS : Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	4.61	Rating **	С	Issue No.		193	
LM End	5.47	Issue Type +	Ma	Location *		LS	
Category	evee	GPS La	atitud	le/Longitude			
Category				Start		End	
Item	Vegetation			38.1848	74°	38.192067	0
пеш			-121.5855	11°	-121.572854	۰	
DWR ID	DWR_RD0	003_02_s _ 201	8_193				
		Comn	nent Coo	de			
V2 : Remo slopes.	ve the wild	d growth other	than na	tive grasse	s fro	m the levee	
		Inspecto	or Comm	nent			

No Photos

LM Start	4.65	Rating **	U	Issue No.		97	
LM End	4.65	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Encroachi	ments	38.1853	17°	38.185317°		
пеш				-121.5848	70°	-121.584870 °	
DWR ID	DWR_RD0	003_02_s _ 201	7_97				
		Comn	nent Coo	de			
TR : Tree	or limb						
	Inspector Comment						
Fallen tree	on landsid	de slope.					

Photo 1 of 1 : FA_2018_RD0003_25_97_20180925_00079.jpg



Looking west at fallen tree on landward slope.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	4.86	Rating **	A/W	Issue No.	127		
LM End	4.87	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory	Category					End	
Item	2017 Stor	m Damage		38.1875	28°	38.187781°	
пеш				-121.5823	94°	-121.582331 °	
DWR ID DWR_RD0003_02_f _ 2017_127							
		Comn	nent Cod	de			

Inspector Comment

Levee Evaluation Comments

Description:District station 256+60 to 257+96, Sec. 19, T. 4 N. R. 4 E., M.D.M. Approximately 136 linear feet erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends to the rip rap.

Site ID No:278

Site Designation:LMA-104 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	4.86	Rating **	A/W	Issue No.	127 (cont)
LM End	4.87	Issue Type +	Ma	Location *	

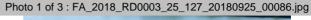




Photo 2 of 3: FA_2018_RD0003_25_127_20180925_00087.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	4.86	Rating **	A/W	Issue No.	127 (cont)		
LM End	4.87	Issue Type +	Ma	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory		Start				End	
Item	2017 Stor	m Damage		38.1875	28°	38.187781 °	
пеш			-121.582394° -121.5823				
DWR ID DWR_RD0003_02_f _ 2017_127							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 256+60 to 257+96, Sec. 19, T. 4 N. R. 4 E., M.D.M. Approximately 136 linear feet erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends to the rip rap.

Site ID No:278

Site Designation:LMA-104 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:



LM Start	4.94	Rating **	М	Issue No.		14	
LM End	4.98	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Item	Trim / Thi	n Trees		38.1883	44°	38.188748 °	
item	item			-121.5814	14°	-121.580743 °	
DWR ID DWR_RD0003_02_s _ 2012_14							
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Untrimmed trees on landside slope and toe.

Photo 1 of 2: FA_2018_RD0003_25_14_20180925_00019.jpg
F11010 T 01 2 . T A _ 2018 _ R D 0003 _ 23 _ 14 _ 2018 923 _ 00013 . jpg

Looking northeast at dense vegetation on landward shoulder and slope. (Fall 2016)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	4.94	Rating **	М	Issue No.	14 (cont)		
LM End	4.98	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi		38.188344°		° 38.188748°		
пеш				-121.5814	14°	-121.580743 °	
DWR ID	DWR_RD0	003_02_s _ 201	2_14				
		Comn	nent Cod	de			
T1: Trim t	T1 : Trim trees to at least five feet above ground level.						
	Inspector Comment						

Untrimmed trees on landside slope and toe.



Looking southwest at untrimmed trees on landward toe. (Spring 2016)

LM Start	5.03	Rating **	М	Issue No.		56
LM End	5.03	Issue Type +	Ма	Location *	LS	
Category	evee		GPS Latitude/Longitude			
Calegory				Start End		
Item	Encroach	ments		38.1892	27°	38.189227°
item	-121.579983				83°	-121.579983°
DWR ID DWR_RD0003_02_f _ 2018_56						
Comment Code						

TR: Tree or limb

Inspector Comment

Remove tree limbs on landside slope.



View of tree limbs on the land side slope (October 2018).

LM Start	5.57	Rating **	M	Issue No.		161	
LM End	5.57	Issue Type +	Ma	Location *		WS	
Catagory	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
ltom	Vegetatio	n		38.1925	28°	38.192528	0
пеш				-121.5711	92°	-121.571192	0
DWR ID	DWR_RD0	003_02_f _ 201	7_161				
	LM End Category Item	LM End 5.57 Category Earthen L Vegetation	LM End 5.57 Issue Type + Category Earthen Levee Vegetation	LM End 5.57 Issue Type + Ma Category Item Vegetation	LM End 5.57 Issue Type + Ma Location * Category Earthen Levee GPS Later Start Start Vegetation 38.1925 -121.5711	LM End 5.57 Issue Type + Ma Location * Category Earthen Levee GPS Latitud Start Vegetation 38.192528 ° -121.571192 °	LM End 5.57 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Start End Vegetation 38.192528 ° 38.192528 -121.571192 ° -121.571192 °

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Cactus on waterside slope.

No Photos

Location

LS: Land Side WS: Water Side

N/A: Not Applicable

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	6.19	Rating **	М	Issue No.		192	_
LM End	6.46	Issue Type +	Ма	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start	End		
Item	Vegetatio	n		38.19686	62°	38.200294	0
пеш				-121.5615	50°	-121.559346	0
DWR ID DWR_RD0003_02_s _ 2018_192							
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

No Photos

LM Start	6.57	Rating **	M	Issue No.		191	
LM End	7.20	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		38.2019	47°	38.210963 °	
пеш				-121.5588	57°	-121.558567 °	
DWR ID	DWR_RD0	003_02_s _ 201	8_191			·	

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	7.43	Rating **	М	Issue No.		188	
LM End	7.68	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	titud	le/Longitude	
Category				Start	End		
Item	Vegetatio	n		38.214326 °		38.217941 °	
пеш				-121.5586	55 °	-121.558415 °	
DWR ID DWR_RD0003_02_s _ 2018_188							
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

* Location

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	7.73	Rating **	С	Issue No.		186	
LM End	7.98	Issue Type +	Ma	Location *		LS	
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start	Start Er		
Item	Vegetatio	getation			24°	° 38.222281	
пеш				-121.5583	15°	-121.557632°	
DWR ID	DWR_RD0	003_02_f _ 201	8_186				
Comment Code							
V2 : Remove the wild growth other than native grasses from the levee slopes.							

Inspector Comment

No Photos

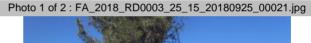
LM Start	8.11	Rating **	U	Issue No.		15	
LM End	8.11	Issue Type +	Ma	Location *	WS		
Catagory	Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Encroach	ments		38.2241	30°	38.224130°	
пеш				-121.55720	06°	-121.557206°	
DWR ID DWR_RD0003_02_f _ 2015_15							
Comment Code							

TR : Tree or limb

Inspector Comment

Remove broken tree branches on waterside shoulder and slope.

LM Start	8.11	Rating **	U	Issue No.	15 (cont)
LM End	8.11	Issue Type +	Ма	Location *	WS





Looking northeast at broken and cracked tree branches on waterward slope.

Photo 2 of 2 : FA_2018_RD0003_25_15_20180925_00022.jpg



Looking east at broken and cracked tree branches on waterward slope.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable A: Not Inspected/Rated M: Minimally Acceptable CR: Corrected U: Unacceptable U: Unacceptable U: Unacceptable AW: Acceptable but Monitor & Maintain Enforcement

** Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	8.11	Rating **	М	Issue No.	185			
LM End	8.39	Issue Type +	Ма	Location *	LS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End		
Item	Vegetatio	getation			89°	38.228139°		
пеш				-121.5572	59°	-121.557094°		
DWR ID	DWR ID DWR_RD0003_02_s _ 2018_185							
	Comment Code							
1/2 . Dama	مانيد مطه ميد	d arouth other	than no	tive areas		m the levee		

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

No Photos

LM Start	8.98	Rating **	M	Issue No.		176	
LM End	8.98	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Animal Co	ontrol		38.2364	25°	38.236425°	
пеш				-121.5595	61 °	-121.559561 °	
DWR ID	DWR_RD0	003_02_f _ 201	7_176			·	

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LM Start	9.18	Rating **	С	Issue No.	184			
LM End	9.27	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Vegetatio	n		38.2389	87°	38.240126°		
item				-121.5580	03 °	-121.557005 °		
DWR ID	DWR_RD0	003_02_s _ 201	8_184			·		
	Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

LS : Land Side N/A : Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	9.29	Rating **	М	Issue No.		63	
LM End	9.29	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Oly			Start		End	
Item	Trim / Thi	rim / Thin Trees			37°	38.240337 °	
item				-121.556870 °		° -121.556870°	
DWR ID	DWR_RD0	003_02_s _ 201	2_63				
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

No Photos

LM Start	9.56	Rating **	M	Issue No.		64	
LM End	9.62	Issue Type +	Ma	Location *	LS		
Category	Earthen L		GPS Latitude/Longitude				
Calegory				Start		End	
Itom	Trim / Thi	n Trees		38.2423	92°	38.242501 °	
Item				-121.5528	62°	-121.551632 °	
DWR ID DWR_RD0003_02_s _ 2012_64							

Comment Code
T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking southwest at dense trees on landward shoulder and slope.

LM Start	9.65	Rating **	С	Issue No.		183	
LM End	9.76	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2425	04°	38.242308	0
Item				-121.5511	76°	-121.549073	٥
DWR ID	DWR_RD0	003_02_s _ 201	8_183				
		Comn	nent Cod	de			

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	II · I Inaccentable	AMV · Accentable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	9.82	Rating **	A/W	Issue No.	137		
LM End	9.84	Issue Type +	Ма	Location *			
Category	Supplemental					le/Longitude	
Calegory	Calegory					End	
Item	2017 Stor	m Damage		38.2420	06°	38.241950°	
пеш				-121.5481	17°	-121.547681 °	
DWR ID DWR_RD0003_02_f _ 2017_137							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 518+55 to 519+81, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 126 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends into the rip rap.

Site ID No:279

Site Designation:LMA-105 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	9.82	Rating **	A/W	Issue No.	137 (cont)
LM End	9.84	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2018_RD0003_25_137_20180925_00100.jpg



N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	9.82	Rating **	A/W	Issue No.	137 (cont)		
LM End	9.84	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory	Category					End	
Item	2017 Stor	m Damage		38.2420	06 °	38.241950°	
пеш				-121.5481	17°	-121.547681 °	
DWR ID DWR_RD0003_02_f _ 2017_137							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 518+55 to 519+81, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 126 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends into the rip rap.

Site ID No:279

Site Designation:LMA-105 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:



LM Start	10.01	Rating **	A/W	Issue No.		138		
LM End	10.03	Issue Type +	Ма	Location *				
Category	ental	GPS Latitude/Longitude						
Calegory				Start		End		
Item	2017 Stor	m Damage		38.24148	1°	38.241439°		
item				-121.54456	9°	-121.544353 °		
DWR ID DWR_RD0003_02_f _ 2017_138								
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:District station 528+97 to 529+58, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 61 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:280

Site Designation:LMA-106

Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:



* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	10.01	Rating **	A/W	Issue No.	138 (cont)		
LM End	10.03	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory	Category					End	
Item	2017 Stor	m Damage		38.2414	81 °	38.241439°	
item				-121.5445	69°	-121.544353°	
DWR ID DWR_RD0003_02_f _ 2017_138							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 528+97 to 529+58, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 61 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:280

Site Designation:LMA-106 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	10.01	Rating **	A/W	Issue No.	138 (cont)
LM End	10.03	Issue Type +	Ma	Location *	



Photo 3 of 3: FA_2018_RD0003_25_138_20180925_00104.jpg



A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	10.99	Rating **	М	Issue No.		163		
LM End	10.99	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachi	ments		38.2393	877°	38.239377°		
пеш				-121.527177°		° -121.527177°		
DWR ID	DWR ID DWR_RD0003_02_f _ 2018_163							
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Remove de	Remove dead branch.							



View of dead branch on land side slope (October 2018).

LM Start	11.21	Rating **	U	Issue No.		148		
LM End	11.21	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee	GPS Latitude/Longitude					
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.2399	68°	38.239968 °		
пеш				-121.5232	93°	-121.523293°		
DWR ID DWR_RD0003_02_f _ 2018_148								
	Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trim fig trees that are sprouting



View of newly sprouting fig trees on the land side slope (October 2018).

Photo 1 of 1: FA_2018_RD0003_25_201_20181018_00307.jpg

LM Start	11.26	Rating **	U	Issue No.		201	
LM End	11.26	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory						End	
Item	Encroachments			38.2400	12°	38.240012°	
пеш				-121.5224	18°	-121.522418°	
DWR ID DWR_RD0003_02_f _ 2018_201							
Comment Code							

TR: Tree or limb

Inspector Comment

Remove fallen tree limbs from waterside slope.



View of fallen tree that has been chopped up on the water side slope (October 2018).

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	11.33	Rating **	М	Issue No.		118	
LM End	11.41	Issue Type +	Ma	Location *	WS		
Category	Supplemental			GPS Latitude/Longitude			
Category				Start		End	
Item		CE Erosion S	Survey,	38.2398	70°	38.239992 °	
пеш	DRAFT		-121.5209	89°	-121.519542°		
DWR ID	DWR ID DWR_RD0003_02_f _ 2018_118						
Comment Code							

Inspector Comment

2017 Site ID: SAC 26.3 R

Status: Repaired

2018: Still pocket of erosion into waterside toe. 2017 Field Notes: Repaired by locals.

Site History: 2009 - Hole left in levee toe from a fallen tree. Could be repaired under maintenance. 2010 - Minor new erosion. 2015 - Minor new erosion at toe.

LM Start	11.33	Rating **	М	Issue No.	118 (cont)
LM End	11.41	Issue Type +	Ma	Location *	WS

Photo 1 of 3: FA_2018_RD0003_25_118_20181018_00308.jpg



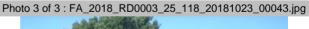
View of erosion at the water side toe (October 2018).

Photo 2 of 3: FA_2018_RD0003_25_118_20181023_00042.jpg



USACE 2013 Photo #1

LM Start	11.33	Rating **	М	Issue No.	118 (cont)
LM End	11.41	Issue Type +	Ma	Location *	WS





USACE 2013 Photo #2

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	11.55	Rating **	М	Issue No.		24	
LM End	11.57	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Trim / Thin Trees			38.2410	93°	38.241300°		
Item				-121.517378°		-121.517073°	
DWR ID DWR_RD0003_02_s _ 2012_24							
		Comn	nent Cod	de			
T1 : Trim t	rees to at l	east five feet	above g	round level			
		Inspecto	or Comm	nent			

No Photos

LM Start	12.14	Rating **	С	Issue No.	196			
LM End	12.14	Issue Type +	Ma	Location *		WS		
Category	Earthen Levee			GPS La	titud	le/Longitude		
Category				Start		End		
Item	Encroach	ncroachments			94°	38.248094 °		
пеш				-121.5116	59°	-121.511659°		
DWR ID	DWR_RD0	003_02_s _ 201	18_196					
Comment Code								
TR : Tree	or limb							

Inspector Comment

No Photos

LM Start	12.33	Rating **	М	Issue No.		203			
LM End	12.33	Issue Type +	Ма	Location *		WS			
Category Earthen Levee			GPS La	atitud	le/Longitude				
Category			Start		End				
Item			38.2508	87°	38.250887°				
item				-121.512157°		-121.512157°			
DWR ID	DWR ID DWR_RD0003_02_f _ 2018_203								
		Comn	nent Cod	de					
PR : Pruni	ngs								
	Inspector Comment								
Remove p	Remove prunings on waterside hinge point.								



View of prunings on the water side shoulder (October 2018).

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

M : Minimally Acceptable CR : C : Corrected

U : Unacceptable AW : Acceptable but Monitor & Maintain

** Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	12.90	Rating **	М	Issue No.		135	
LM End	12.90	Issue Type +	Ma	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.2574	27°	38.257427°	
item				-121.5183	29°	-121.518329°	
DWR ID	DWR_RD0	003_02_s _ 201	8_135				
		Comn	nent Cod	de			
T1 : Trim t	rees to at I	east five feet	above g	round level.			
	Inspector Comment						

No Photos

LM Start	13.15	Rating **	A/W	Issue No.	139				
LM End	13.17	Issue Type +	Ма	Location *					
Category	Suppleme	ental	GPS Latitude/Longitude						
Calegory				Start		End			
Item	2017 Storm Damage			38.26004	2°	38.260219	0		
пеш			-121.52158	1°	-121.521803	0			
DWR ID DWR_RD0003_02_f _ 2017_139									
	Comment Code								

Inspector Comment

Levee Evaluation Comments

Description: District station 694+80 to 695+69, Sec. 27, 1. 5 N. R. 4 E., M.D.M. Approximately 89 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:281

Site Designation:LMA-107 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017 Notes:

Photo 1 of 3: FA_2018_RD0003_25_139_20180925_00105.jpg



LS: Land Side WS: Water Side

N/A: Not Applicable

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	13.15	Rating **	A/W	Issue No.	139 (cont)		
LM End	13.17	Issue Type +	Ma	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory		Start		End			
Item	2017 Stor	m Damage		38.2600	42 °	38.260219°	
item				-121.5215	81 °	-121.521803°	
DWR ID	ID DWR_RD0003_02_f _ 2017_139						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 694+80 to 695+69, Sec. 27, 1. 5 N. R. 4 E., M.D.M. Approximately 89 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:281

Site Designation:LMA-107 Repair Type: Erosion Rating:Area of Concern

Field Date:7/26/2017

Notes:

LM Start	13.15	Rating **	A/W	Issue No.	139 (cont)
LM End	13.17	Issue Type +	Ma	Location *	





Photo 3 of 3: FA_2018_RD0003_25_139_20180925_00107.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	13.86	Rating **	A/W	Issue No.		169
LM End	13.86	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		38.2670	84°	38.267084°
item				-121.530939 °		-121.530939°
DWR ID	DWR_RD0	003_02_f _ 201	7_169			
		Comn	nent Cod	de		
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.
Inspector Comment						



Looking southeast at the landside slope.

LM Start	14.11	Rating **	С	Issue No.		132	
LM End	14.11	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory	Category					End	
Item	Vegetatio	n		38.2694	72 °	38.269472 °	
пеш			-121.5343	65 °	-121.534365°		
DWR ID DWR_RD0003_02_s _ 2018_132						·	
Comment Code							

V2: Remove the wild growth other than native grasses from the levee

Inspector Comment

No Photos

LM Start	14.44	Rating **	С	Issue No.		126		
LM End	14.44	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS La	atituc	de/Longitude		
				Start		End		
Item	Vegetatio	n		38.2728	36°	38.272836	c	
Item				-121.5388	02°	-121.538802	c	
DWR ID	DWR ID DWR_RD0003_02_s _ 2018_126							
Comment Code								
V2 · Remo	1/2 · Remove the wild growth other than native grasses from the levee							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

slopes.

N/A: Not Applicable

LS : Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	14.86 Rating ** M		Issue No.		123		
LM End	14.86	Issue Type +	Ma	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Trim / Thi	38.277082 °		38.277082°			
item				-121.5441	85 °	-121.544185 °	
DWR ID	DWR ID DWR_RD0003_02_f _ 2018_123						
Comment Code							
T2 : Thin t	T2 : Thin trees to allow visibility of the ground and room to flood fight.						

Inspector Comment Trim trees at land side toe

No Photos

LM Start	15.00	Rating **	A/W	Issue No.		142
LM End	15.07	Issue Type +	Ма	Location *		
Category Supplemental				GPS Latitude/Longitude		
Calegory				Start		End
Item	2017 Stor	m Damage		38.2788)6°	38.279444°
itein				-121.5458	17°	-121.546647°
DWR ID	DWR_RD0	003_02_f _ 201	7_142			

Inspector Comment

Comment Code

Levee Evaluation Comments

Description: District station 792+44 to 795+74, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 330 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:282

Site Designation:LMA-108 Repair Type: Erosion Rating: Area of Concern Field Date:7/28/2017

Notes: no berm

Photo 1 of 3: FA_2018_RD0003_25_142_20180925_00111.jpg



LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	15.00	Rating **	A/W	Issue No.		142 (cont)	
LM End	15.07	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start End			
Item	2017 Stor	m Damage		38.2788	06°	38.279444°	
пеш				-121.5458	17°	-121.546647°	
DWR ID DWR_RD0003_02_f _ 2017_142					·		
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: District station 792+44 to 795+74, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 330 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.

Site ID No:282

Site Designation:LMA-108 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

15.00 Rating ** A/W Issue No. 142 (cont) LM Start Issue Type + Location * 15.07 Ма LM End



Photo 3 of 3: FA_2018_RD0003_25_142_20180925_00113.jpg



CR : Crown

LS: Land Side WS: Water Side

N/A: Not Applicable

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	15.37	Rating **	М	Issue No.		134	
LM End	15.37	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.2822	243°	38.282243 °	
пеш				-121.5509)17°	-121.550917°	
DWR ID	DWR_RD0	003_02_s _ 201	7_134				
		Comn	nent Cod	de			
PR : Prunii	ngs						
		Inspecto	or Comm	nent			
Inspector Comment Large fallen tree on landside slope. Large tree removed, prunings remain on slope.							

Μ

Ма

Issue No.

Location *

134 (cont)

LS

15.37

15.37

LM Start

LM End

Rating **

Issue Type +

		相外		
		n	4	
大阪				
				A Oliva

Photo 1 of 3: FA_2018_RD0003_25_134_20180925_00096.jpg

Looking southwest at the landside slope.

Photo 2 of 3: FA_2018_RD0003_25_134_20180925_00097.jpg



Looking west at fallen tree at landward toe.

LM Start	15.37	Rating **	М	Issue No.	134 (cont)
LM End	15.37	Issue Type +	Ма	Location *	LS



Looking northwest at fallen tree at landward toe.

* Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	15.43	Rating **	N	Issue No.		122	
LM End	15.43	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	38.2826	72°	38.282672 °			
пеш				-121.551847° -121.5518			
DWR ID	DWR_RD0	003_02_f _ 201	8_122				
		Comn	nent Cod	de			
T5 : Tree s	stumps.						
			_				
		Inspect	or Comm	nent			
Remove tree stump at land side toe							



View of large stump at the land side toe of the levee (October 2018).

LM Start	15.46	Rating **	A/W	Issue No.	149	
LM End	15.47	Issue Type +	Ма	Location *		
Supplemental				GPS La	tituc	le/Longitude
Category				Start		End
Item	2017 Stor	m Damage		38.28311	9°	38.283172°
item				-121.55225	60°	-121.552347°
DWR ID	DWR_RD0003_02_f _ 2017_149					
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District station 816+64 to 816+97, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 33 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.

Site ID No:283

Site Designation:LMA-109 Repair Type: Erosion

Rating: Area of Concern Field Date:7/26/2017

Notes:

Photo 1 of 3: FA_2018_RD0003_25_149_20180925_00120.jpg



LS: Land Side WS: Water Side

N/A: Not Applicable

: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	15.46	Rating **	A/W	Issue No.	149 (cont)	
LM End	15.47	Issue Type +	Ma	Location *		
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory				Start	End	
Item	2017 Stor	m Damage		38.2831	19°	38.283172°
item				-121.5522	50°	-121.552347°
DWR ID	DWR_RD0003_02_f _ 2017_149					
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 816+64 to 816+97, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 33 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 ofthe way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.

Site ID No:283

Site Designation:LMA-109 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	15.46	Rating **	A/W	Issue No.	149 (cont)
LM End	15.47	Issue Type +	Ma	Location *	

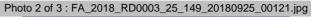




Photo 3 of 3: FA_2018_RD0003_25_149_20180925_00122.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	15.94	Rating **	М	Issue No.	124		
LM End	15.94	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee GPS Latitude/Longitude				le/Longitude	
Calegory		Start			End		
Item	Slope Stability			38.2880	09°	38.288009°	
пеш				-121.5583	98°	-121.558398°	
DWR ID	DWR_RD0	003_02_s _ 201	8_124				
		Comn	nent Cod	de			
S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.							

Inspector Comment Vehicle erosion on landside slope.



Vehicle erosion on landside slope should be repaired.

LM Start	16.54	Rating **	A/W	Issue No.		150		
LM End	16.56	Issue Type +	Ma	Location *				
Category			GPS Latitude/Longitude					
Category				Start		End		
Item	2017 Storm Damage		38.2947	17°	38.294986 °			
item				-121.5654	17°	-121.565661 °		
DWR ID DWR_RD0003_02_f _ 2017_150						·		
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: District station 873+61 to 874+83, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 122 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends beyond the rip rap. A section of rip rap has eroded away in this location.

Site ID No:284

Site Designation:LMA-110 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

Photo 1 of 2: FA_2018_RD0003_25_150_20180925_00123.jpg



N/A: Not Applicable LS: Land Side WS: Water Side

: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	16.54	Rating **	A/W	Issue No.	150 (cont)		
LM End	16.56	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory	Category					End	
Item	2017 Stor	m Damage		38.2947	17°	38.294986°	
пеш				-121.5654	17°	-121.565661 °	
DWR ID	DWR_RD0003_02_f _ 2017_150						
		Comn	nent Cod	de			

Inspector Comment

Levee Evaluation Comments

Description: District station 873+61 to 874+83, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 122 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends beyond the rip rap. A section of rip rap has eroded away in this location.

Site ID No:284

Site Designation:LMA-110 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

Photo 2 of 2: FA_2018_RD0003_25_150_20180925_00124.jpg



LM Start	16.56	Rating **	С	Issue No.		147	
LM End	16.56	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Trim / Thi	/ Thin Trees		38.2948	09°	38.294809	0
пеш				-121.5657	65 °	-121.565765	0
DWR ID	DWR_RD0	003_02_s _ 201	6_147				
		Comn	nent Cod	de			

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location		** Kating	
LS : Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspec
WS: Water Side		M : Minimally Acceptable	C : Corrected
CP · Crown		II · I Inaccontable	AAA/ · Accontable

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

cted/Rated

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	16.90	Rating **	A/W	Issue No.		152
LM End	16.90	Issue Type +	Ma	Location *		
Category			GPS Latitude/Longitude			
Category		Start		End		
Item	2017 Stor	m Damage		38.2989	14°	38.298997°
пеш			-121.5691		56°	-121.569217°
DWR ID	ID DWR_RD0003_02_f _ 2017_152					
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District station 892+36 to 892+70, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 34 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.

Site ID No:285

Site Designation:LMA-111 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: highway on crown

LM Start	16.90	Rating **	A/W	Issue No.	152 (cont)
I M End	16.90	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2018_RD0003_25_152_20180925_00128.jpg



N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	10/16/2018 10/17/2018	David Julian

LM Start	16.90	Rating **	A/W	Issue No.	152 (cont)		
LM End	16.90	Issue Type +	Ma	Location *			
Category	Supplemental			GPS Latitude/Longitude			
				Start		End	
Item	2017 Storm Damage			38.298914°		38.298997°	
item				-121.569156 °		-121.569217°	
DWR ID	DWR_RD0003_02_f _ 2017_152						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:District station 892+36 to 892+70, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 34 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.

Site ID No:285

Site Designation:LMA-111 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: highway on crown



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cross Levee		0.43	10/16/2018 10/16/2018	David Julian

LM Start	0.10	Rating **	С	Issue No.	2		
LM End	0.10	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Vegetation			38.180780°		38.180780°	
				-121.6535	85 °	-121.653585 °	
DWR ID	DWR_RD0003_03_s _ 2018_2						
Comment Code							
V4 : Elderberries are blocking visibility and flood fight capability.							
Inspector Comment							

No Photos

Issue No. Rating ** С 0.15 5 LM Start 0.18 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.180150° 38.179722° Item -121.653645 ° -121.653663 ° DWR_RD0003_03_s _ 2013_5 DWR ID Comment Code T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

Trees have been trimmed

FINAL DATA